

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Previously Presented)** A portable telephone set, comprising:

 - call termination notification means;
 - key inputting means including a plurality of keys for accepting an input of any of said keys by a user of said portable telephone set;
 - key input discrimination means for discriminating whether the input of any one of said keys is valid or invalid;
 - key input validity notification means operable when said key input discrimination means discriminates that the input of any one of said keys is valid for causing said call termination notification means to notify the user of the validity of the input of said any one of said keys with a first pattern set in advance, said first pattern being different from a function performed by the input of said any one of said keys; and
 - key input invalidity notification means operable when said key input discrimination means discriminates that the input of any one of said keys is invalid for causing said call termination notification means to notify the user of the invalidity of the input of said any one of said keys with a second pattern set in advance and different from the first pattern, said call termination notification means functioning to notify the user of termination of a telephone call in addition to functioning to notify the user of the validity or invalidity of the input of any one of said keys.
- 2. (Original)** A portable telephone set as claimed in claim 1, wherein said call termination notification means includes at least one of a speaker, a vibrator, a liquid crystal display device, a liquid crystal display backlight and a key backlight.
- 3. (Original)** A portable telephone set as claimed in claim 2, wherein at least one of said vibrator, liquid crystal display device, liquid crystal display backlight and key backlight of

said call termination notification means is rendered operative when said portable telephone set is used in a mode wherein no sound is generated from said portable telephone set.

4. (Previously Presented) A portable telephone set as claimed in claim 1, further comprising a memory for storing key allocation information representative of whether each of said keys is valid or invalid when a selected menu is to be processed, said key input discrimination means using the key allocation information to discriminate whether the input of any one of said keys is valid or invalid.

5. (Previously Presented) A key operation validity/invalidity notification method for a portable telephone set which includes call termination notification means and key inputting means including a plurality of keys for accepting an input of any of said keys by a user of said portable telephone set, comprising:

a key input discrimination step of discriminating whether an input of any one of said keys is valid or invalid; and

a key input validity/invalidity notification step of causing, when it is discriminated that the input of any one of said keys is valid, said call termination notification means to notify the user of the validity of the input of said any one of said keys with a first pattern set in advance, said first pattern being different from a function performed by the input of said any one of said keys, but causing, when it is discriminated that the input of said any one of said keys is invalid, said call termination notification means to notify the user of the invalidity of the input of said any one of said keys with a second pattern set in advance and different from the first pattern, said call termination notification means functioning to notify the user of termination of a telephone call in addition to functioning to notify the user of the validity or invalidity of the input of any one of said keys.

6. (Original) A key operation validity/invalidity notification method as claimed in claim 5, wherein said call termination notification means includes at least one of a speaker, a vibrator, a liquid crystal display device, a liquid crystal display backlight and a key backlight.

7. (Original) A key operation validity/invalidity notification method as claimed in claim 6, wherein at least one of said vibrator, liquid crystal display device, liquid crystal display backlight and key backlight of said call termination notification means is rendered operative when said portable telephone set is used in a mode wherein no sound is generated from said portable telephone set.

8. (Previously Presented) A key operation validity/invalidity notification method as claimed in claim 5, further comprising a key allocation information storage step of storing, when a menu is selected on said portable telephone set, key allocation information representative of whether each of said keys is valid or invalid when the selected menu is to be processed into a memory, the key input discrimination step using the key allocation information to discriminate whether the input of any one of said keys is valid or invalid.

9. (Previously Presented) A computer-readable medium encoded with a computer program for a portable telephone set which includes call termination notification means and key inputting means including a plurality of keys for accepting an input of any of said keys by a user of said portable telephone set, said program causing a computer to execute the steps of:

discriminating whether the input of any one of said keys is valid or invalid; and
causing, when it is discriminated that input of any one of said keys is valid, said call termination notification means to notify the user of the validity of the input of said any one of said keys with a first pattern set in advance, said first pattern being different from a function performed by the input of said any one of said keys; but

causing, when it is discriminated that the input of said any one of said keys is invalid, said call termination notification means to notify the user of the invalidity of the input of said any one of said keys with a second pattern set in advance and different from the first pattern, said call termination notification means functioning to notify the user of termination of a telephone call in addition to functioning to notify the user of the validity or invalidity of the input of any one of said keys.

10. (New) A portable telephone set which comprises:

call termination notification means for notifying a user of said portable telephone set of termination of a telephone call;

key inputting means including a plurality of keys for accepting a key inputting operation of any of said keys by the user;

a memory for storing allocation information of individual ones of said keys which is updated in accordance with a menu;

key input discrimination means for discriminating whether the key inputting operation of any of said keys is valid or invalid based on the allocation information stored in said memory;

key input validity notification means, operable when said key input discrimination means discriminates that the key inputting operation is valid, for causing said call termination notification means to notify the user of the validity of the key inputting operation with a first pattern set in advance; and

key input invalidity notification means, operable when said key input discrimination means discriminates that the key inputting operation is invalid, for causing said call termination notification means to notify the user of the invalidity of the key inputting operation with a second pattern set in advance and different from the first pattern;

wherein, when the portable telephone set is used in a mode wherein no sound is generated from said portable telephone set, if the key input discrimination means discriminates that the key inputting operation is valid, then at least one of a first vibration pattern and a first color variation pattern is generated, and if the key input discrimination means discriminates that the key inputting operation is invalid, then at least one of a second vibration pattern and a second color variation pattern is generated.